CLAIMS

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A pouch machine comprising:

a controller:

1 2

3

5

6

8

5

6

1

2

3

4

5

6

a first module, including a first converting station, wherein the controller is operatively connected to the first converting station, and wherein the first module further includes a first operating parameter output; and

a second module, including a second converting station, wherein the second module further includes a second operating parameter input, connected to the first operating parameter output such that the controller is operatively connected to the second converting station.

- 2. The pouch machine of claim 1, further comprising a third module, including a third converting station, wherein the third module further includes a third operating parameter input and the second module further includes a second operating parameter output, connected to the third operating parameter input such that the controller is operatively connected to the third converting station.
- 3. The pouch machine of claim 2 wherein:
 the first converting station is an infeed station;
 the second converting station is one of the group
 consisting of a zipper sealer station, a long sealer
 station, a cross sealer station, a cross seal extension
 station, and a slider station; and

the third converting station is one of the group consisting of a zipper sealer station, a long sealer station, a cross sealer station, a cross seal extension station, and a slider station.

The series of th

4. The pouch machine of claim 3, further comprising a fourth module, including a cut-off station, wherein the fourth module further includes a fourth operating parameter input and the third module further includes a third operating parameter output, connected to the fourth operating parameter input such that the controller is operatively connected to the fourth converting station.

- 5. The pouch machine of claim 3, wherein the first, second and third modules have interconnected power:
- 6. The pouch machine of claim, further comprising a common user interface.
 - 7. A pouch machine comprising a plurality of self-contained modules configured in a daisy-chain, wherein, any successive module receives operating parameters from a preceding module, and wherein each module includes a converting station.
- 8. The pouch machine of claim 7, wherein the plurality of modules includes a first module, at least one succeeding intermediate module, and a last module, and wherein the first module includes an infeed station, each intermediate module includes a converting station from one of the group consisting of a zipper sealer station, a long sealer station, a cross sealer

8	extension station, and a slider station, and the last module
9	includes a 'cut-off station.
1	9. A method of making a pouch machine comprising
2	providing a controller;
3	selecting a first module that has a first
4	converting station;
5	operatively connecting the controller to the
6	first converting station;
7	providing a first operating parameter output,
8	selecting a second module that has a second
9	converting station;
10	connecting a second operating parameter input
	to the first operating parameter output, thereby
12	operatively connecting the controller to the second
13	converting station.
Li	
1	10. A pouch machine comprising:
2	a first processing zone, including a first
[3	processing station along a film path, a first
4	registration sensor along the film path, and a first
1 5	drawroll, responsive to the first registration sensor,
6	along the film path; and
7	a second processing zone, including a second
8	processing station along a film path, a second
9	registration sensor along the film path, and a second
10	drawroll, responsive to the second registration sensor
11	along the film path, wherein the film path extends from
12	the first processing zone to the second processing
13	zone.
1	11. The pouch machine of claim 10, wherein the

sensor is an optical sensor capable of detecting print

registration marks.

2

3

1	
2	
2	

4

5 6

1 2

3

1

7 8

6

- 12. The pouch machine of claim 10, wherein the first and second processing station are from the group consisting of a zipper sealer station, a long sealer station, a cross sealer station, a cross seal extension station, and a slider station, and the last module includes a cut-off station.
- The pouch machine of claim 12 wherein the 13. first processing station is a different one of the group than the second processing station.
- The pouch machine of claim 10, wherein the processing station is at a fixed location.
- 15. The pouch machine of claim 10 wherein the first processing zone includes a first accumulator along the film path and the second processing zone includes a second accumulator along the film path.
- The pouch machine of claim 10, wherein a third processing zone is disposed along the film path between the first and second processing zones, wherein the third processing zone does not have a draw roll.
 - A pouch machine comprising a first plurality of processing zones, each including a processing station along a film path, a registration sensor along the film path, and first drawroll, responsive to the registration sensor, along the film path, wherein the processing zones are along a common film path.
- The pouch machine of claim 17, further comprising a processing zone without a drawroll disposed

. 9 10	along the film path between two of the first plurality of processing zones.
1 2 3	19. The pouch machine of claim 18 wherein each of the first plurality of processing zones includes an accumulator along the film path.
1	20. The pouch machine of claim 18, wherein the
2	processing zones are self-contained modules configured in a
3	daisy-chain, wherein, any successive module receives
4	operating parameters from a preceding module, and wherein
5	each module includes a converting station.
131	21. A pouch machine comprising:
.] .52	a plurality of processing devices, each
	disposed along a film path;
134	an edge sensor disposed along the film path;
14.5	a draw roll assembly, disposed along the film
1	path, wherein the drawroll assembly has a direction of
: []7	draw, and wherein the drawroll assembly is mounted on a
==8	moveable frame such that the draw direction changes as
1.9	the frame moves; and
10	a controller disposed to receive a signal
11	from the edge sensor and control the position of the
12	frame in response thereto.
1	22. The pouch machine of claim 1, further
2	comprising a second moveable draw roll assembly and a second
3	edge sensor.
1	23. The pouch machine of claim 21, wherein the
2	sensor is downstream of the drawroll assembly

	24.	The	pot	ıch	mac	hi	ne o	f	claim	21,	wherein	the)
frame	$moves_{\setminus} in$	an	arc	abo	ut	a	cent	er	locat	ed	upstream	of	the
frame.													

25. The pouch machine of claim 24, wherein the draw direction is in a substantially horizontal plane and is changed from being in the machine direction to angled in either direction away from machine direction.